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Massage carriage**Claims**

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1. Massage carriage for use in a massage chair or similar that can be moved back and forth along a frame in the massage chair or similar, comprising a drive (1) that contains at least one motor (2) and gearing parts, a first shaft (6) that can be moved by the drive (1) and a second shaft (7) that can be moved by the drive (1), two first arms (18, 19), which are connected to the first shaft (6), can be moved by the first shaft (6) and on each of which a massage element (20, 21) is mounted, and two second arms (24, 25), which are connected to the second shaft (7) and can be moved by the second shaft (7), one of which each acts on one of the first arms (18, 19), such that the massage elements (20, 21) can be moved by the drive (1) with one movement component oriented parallel to the frame and one oriented perpendicular to the frame, c h a r - a c t e r i z e d i n t h a t the drive (1) displays a single motor (2) with a motor shaft (3), by means of which the first and second shafts (6, 7) can each be moved via a reduction gear (4, 5).

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2. Massage carriage according to Claim 1, c h a r a c - t e r i z e d i n t h a t the motor shaft (3) displays two shaft sections (8, 9), located on opposite face ends of the motor (2) and aligned parallel to each other, by means of which the first and second shafts (6, 7) can be

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moved via the respective reduction gear (4, 5).

3. Massage carriage according to Claim 2, c h a r a c -
t e r i z e d i n t h a t the shaft sections (8, 9) are
5 sections of a continuous motor shaft (3).
4. Massage carriage according to Claim 2 or 3, c h a r a c -
t e r i z e d i n t h a t the reduction gear (5) via
which the second shaft (7) can be moved displays a free-
10 wheel device (10) in a particular sense of rotation of the
motor shaft.
5. Massage carriage according to Claim 2, c h a r a c -
t e r i z e d i n t h a t one of the shaft sections (9)
15 can be permanently driven by the motor (2), and the other
shaft section (8) can be disconnected from the motor (2)
by means of a clutch (11).
6. Massage carriage according to Claim 5, c h a r a c -
20 t e r i z e d i n t h a t the clutch (11) is an
electromagnetic clutch.
7. Massage carriage according to Claim 5 or 6, c h a r a c -
t e r i z e d i n t h a t the clutch (11) displays an
25 automatic brake, by means of which the disconnectable
shaft section (8) can be braked or blocked in disconnected
state.
8. Massage carriage according to Claim 7, c h a r a c -
30 t e r i z e d i n t h a t the disconnectable shaft
section (8) can be braked or blocked by an integrated
spring mechanism.
9. Massage carriage according to one of Claims 5 to 8,
35 c h a r a c t e r i z e d i n t h a t the reduction

gear (5) via which the second shaft (7) can be moved displays a free-wheel device (10) in a particular sense of rotation of the shaft section (9) that can be permanently driven by the motor (2).

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10. Massage carriage according to one of Claims 1 to 9, characterized in that the drive (1) displays a housing comprising two shells (26, 27) for the motor (2) and the gearing parts.

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11. Massage carriage according to Claim 10, characterized in that the bearing arrangement for the motor (2) and the gearing parts is integrated in the housing in one piece.

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12. Massage carriage according to Claim 11, characterized in that the housing shells (26, 27) and the bearing arrangement for the motor (2) and the gearing parts are made of plastic, injection-molded in one piece.

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13. Massage carriage according to one of Claims 10 to 12, characterized in that one part (31) of a nut is integrally molded on the housing and interacts with the spindle (30) of a linear drive unit located on the frame for moving the massage carriage along the frame, where the other part (32) of the nut (29) can be fastened to the one part (31) from the outside, such that the spindle (30) can be accommodated between the two parts (31, 32).

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14. Massage carriage according to one of Claims 1 to 13, characterized in that the two reduction gears are designed as worm gears.